

INTERNATIONAL SEARCH REPORT

Inte
Application No
PCT/IB2005/001018

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02B57/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F02B F01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 83/01091 A (MONCADA, JAIME) 31 March 1983 (1983-03-31) abstract page 2, lines 8-33 figures 2,3,5,10,11 ----- DE 859 694 C (IMMEL ERICH) 15 December 1952 (1952-12-15) page 1, line 1 - line 29 page 2, lines 38-108 figures 1-3,6 ----- US 1 918 174 A (BERGGREN FRANS L) 11 July 1933 (1933-07-11) page 1, lines 54-66 figure 1 -----	1-3,9-11 1-8 1-3,9-11 -/--

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

21 July 2005

Date of mailing of the international search report

02/08/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Matray, J-F

INTERNATIONAL SEARCH REPORT

Inte I Application No
PCT/IB2005/001018

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SK 279 551 B (KNIEBUGL STANISLAV) 2 December 1998 (1998-12-02) abstract figures 1,2 -----	4
A	DE 24 47 405 A1 (ROBERT BOSCH GMBH) 8 April 1976 (1976-04-08) figures 1,2 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte Application No
PCT/IB2005/001018

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 8301091	A	31-03-1983	EP WO	0089955 A1 8301091 A1		05-10-1983 31-03-1983
DE 859694	C	15-12-1952		NONE		
US 1918174	A	11-07-1933		NONE		
SK 279551	B	08-02-1995	SK	75893 A3		08-02-1995
DE 2447405	A1	08-04-1976		NONE		